

WHAT IS CLAIMED IS:

1 1. A computer-implemented method for operating a data processing
2 system, the data processing system arranged to host an operating system
3 that is coupled to a management interface processor, wherein the
4 management interface processor is coupled to a network having a
5 plurality of computer systems coupled thereto, comprising:

6 initiating on one or more selected ones of the computer systems
7 one or more instances of an independently operable console view;

8 instantiating on the management interface processor one or more
9 logical console objects;

10 initiating on one or more selected ones of the computer systems
11 one or more instances of a system operations program;

12 coupling the one or more instances of the system operations
13 program to respective logical console objects;

14 in response to user-initiated connection requests, coupling each
15 instance of the console view to a selected instance of the system
16 operations program; and

17 transmitting data received from a console view from instances of
18 the system operations program to respectively coupled logical console
19 objects and transmitting data received from the logical console objects to
20 one or more instances of a console view.

1 2. The method of claim 1, further comprising displaying data received
2 at an instance of a console view in a manner consistent with a first set of
3 configuration parameters associated with the instance of the console
4 view.

1 3. The method of claim 1, further comprising:
2 selecting a subset of data from data received at an instance of a
3 console view as a function of a second set of configuration parameters
4 associated with the instance of the console view; and
5 displaying the subset of data at the instance of the console view.

1 4. The method of claim 1, wherein at least one of the one or more
2 instances of the console view executes on a computer system other than
3 the computer system on which the coupled instance of the system
4 operations program executes.

1 5. The method of claim 1, further comprising:
2 initiating on one or more selected ones of the computer systems an
3 operations interface program;
4 receiving at the operations interface program a connection request
5 from an instance of the console view;
6 creating a connection with the instance of the console view; and
7 transferring the connection with the instance of the console view
8 from the operations interface program to an instance of the system
9 operations program.

1 6. An apparatus for operating a data processing system, the data
2 processing system arranged to host an operating system that is coupled
3 to a management interface processor, wherein the management interface
4 processor is coupled to a network having a plurality of computer systems
5 coupled thereto, comprising:
6 means for initiating on one or more selected ones of the computer
7 systems one or more instances of an independently operable console
8 view;

9 means for instantiating on the management interface processor
10 one or more logical console objects;

11 means for initiating on one or more selected ones of the computer
12 systems one or more instances of a system operations program;

13 means for coupling the one or more instances of the system
14 operations program to respective logical console objects; and

15 means for coupling each instance of the console view to a selected
16 instance of the system operations program in response to user-initiated
17 connection requests; and

18 means for transmitting data received from a console view from
19 instances of the system operations program to respectively coupled
20 logical console objects and transmitting data received from the logical
21 console objects to one or more instances of a console view.

1 7. A computer-implemented method for operating a partitioned data
2 processing system, each partition including a processor arrangement
3 hosting an operating system which is coupled to a management interface
4 processor, wherein the management interface processor is coupled to a
5 network having one or more computer systems coupled thereto,
6 comprising:

7 initiating on one or more selected ones of the computer systems
8 one or more instances of an independently operable console view;

9 instantiating on the management interface processor one or more
10 logical console objects, each coupled to a selected one of the partitions;

11 initiating on one or more selected ones of the computer systems
12 one or more instances of a system operations program;

13 coupling the one or more instances of the system operations
14 program to respective logical console objects;

15 in response to user-initiated connection requests for each of the
16 one or more instances of the console view, coupling each instance of the

17 console view to a selected instance of the system operations program;
18 and
19 transmitting data received from a console view from instances of
20 the system operations program to respectively coupled logical console
21 objects and transmitting data received from the logical console objects to
22 one or more instances of a console view.

1 8. The method of claim 7, further comprising displaying data received
2 at an instance of a console view in a manner consistent with a first set of
3 configuration parameters associated with the instance of the console
4 view.

1 9. The method of claim 7, further comprising:
2 selecting a subset of data from data received at an instance of a
3 console view as a function of a second set of configuration parameters
4 associated with the instance of the console view; and
5 displaying the subset of data at the instance of the console view.

1 10. The method of claim 7, wherein at least one of the one or more
2 instances of the console view executes on a computer system other than
3 the computer system on which the coupled instance of the system
4 operations program executes.

1 11. The method of claim 7, further comprising:
2 initiating on one or more selected ones of the computer systems an
3 operations interface program;
4 receiving at the operations interface program a connection request
5 from an instance of the console view;
6 creating a connection with the instance of the console view; and

7 transferring the connection with the instance of the console view
8 from the operations interface program to an instance of the system
9 operations program.

1 12. An apparatus for operating a partitioned data processing system,
2 each partition including a processor arrangement hosting an operating
3 system which is coupled to a management interface processor, wherein
4 the management interface processor is coupled to a network having one
5 or more computer systems coupled thereto, comprising:

6 means for initiating on one or more selected ones of the computer
7 systems one or more instances of an independently operable console
8 view;

9 means for instantiating on the management interface processor
10 one or more logical console objects, each coupled to a selected one of the
11 partitions;

12 means for initiating on one or more selected ones of the computer
13 systems one or more instances of a system operations program;

14 means for coupling the one or more instances of the system
15 operations program to respective logical console objects;

16 mean for coupling each instance of the console view to a selected
17 instance of the system operations program in response to user-initiated
18 connection requests; and

19 means for transmitting data received from a console view from
20 instances of the system operations program to respectively coupled
21 logical console objects and transmitting data received from the logical
22 console objects to one or more instances of a console view.

1 13. A computing arrangement for operating a data processing system,
2 comprising:

3 a data processing system hosting an operating system;

4 a management interface processor coupled to the data processing
5 system and hosting a plurality of logical console objects, each logical
6 console object coupled to the operating system;

7 an operations server computer system hosting a plurality of
8 instances of a system operations program, each instance of the system
9 operations program coupled to a respective logical console object;

10 one or more display stations hosting independently operable
11 instances of a console view, each instance of the console view coupled to
12 a selected instance of the system operations program and configured to
13 provide a user interface for operating the data processing system,
14 wherein the system operations program is configured to transmit data
15 received from a console view to a respectively coupled logical console
16 object and transmit data received from a logical console object to one or
17 more instances of a console view.

1 14. The arrangement of claim 13, wherein each instance of the console
2 view is configured to display data received in a manner consistent with a
3 first respective set of configuration parameters associated with the
4 instance of the console view.

1 15. The arrangement of claim 13, wherein each instance of the console
2 view is configured to select a subset of data from data received as a
3 function of a second respective set of configuration parameters
4 associated with the instance of the console view and display the subset of
5 data.

1 16. A computing arrangement for operating a data processing system,
2 comprising:

3 a data processing system including a plurality of partitions, each
4 partition including a processor arrangement hosting an operating
5 system;

6 a management interface processor coupled to the data processing
7 system and hosting a plurality of logical console objects, each logical
8 console object coupled to a respective partition;

9 an operations server computer system hosting a plurality of
10 instances of a system operations program, each instance of the system
11 operations program coupled to a respective logical console object;

12 one or more display stations hosting independently operable
13 instances of a console view, each instance of the console view coupled to
14 a selected instance of the system operations program and configured to
15 provide a user interface for operating the data processing system,
16 wherein the system operations program is configured to transmit data
17 received from a console view to a respectively coupled logical console
18 object and transmit data received from a logical console object to one or
19 more instances of a console view.

1 17. The arrangement of claim 16, wherein each instance of the console
2 view is configured to display data received in a manner consistent with a
3 first respective set of configuration parameters associated with the
4 instance of the console view.

1 18. The arrangement of claim 16, wherein each instance of the console
2 view is configured to select a subset of data from data received as a
3 function of a second respective set of configuration parameters
4 associated with the instance of the console view and display the subset of
5 data.